

FIG. 1A.

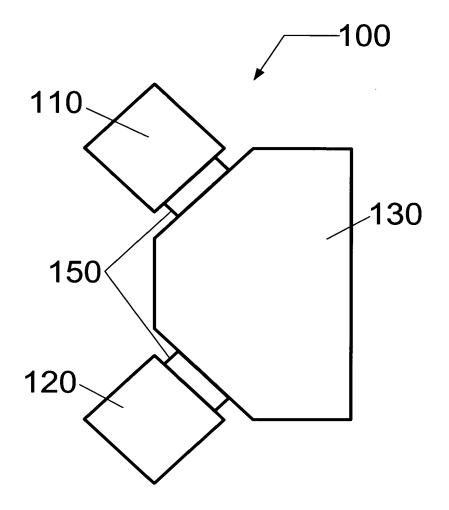


FIG. 1B.

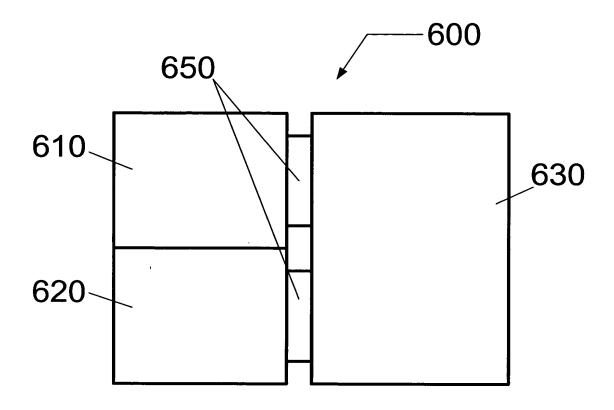


FIG. 1C.

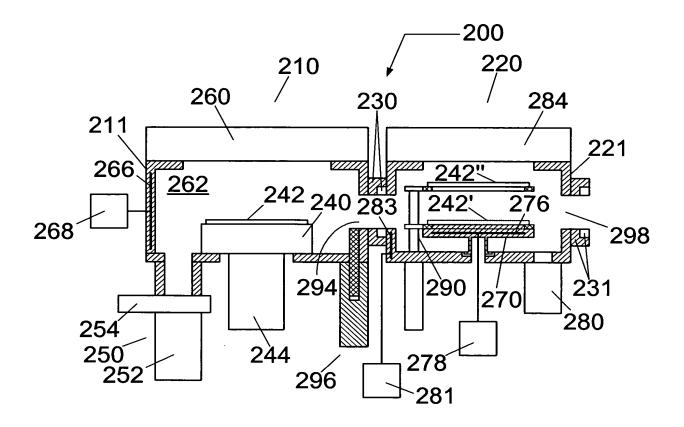


FIG. 2.

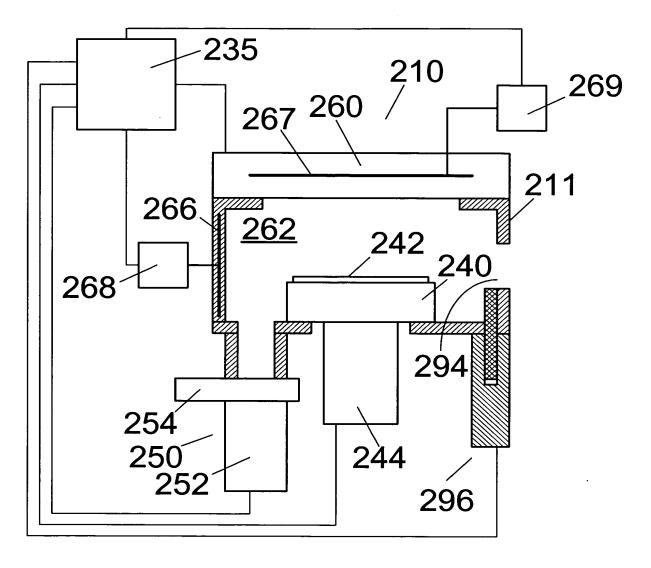


FIG. 3.

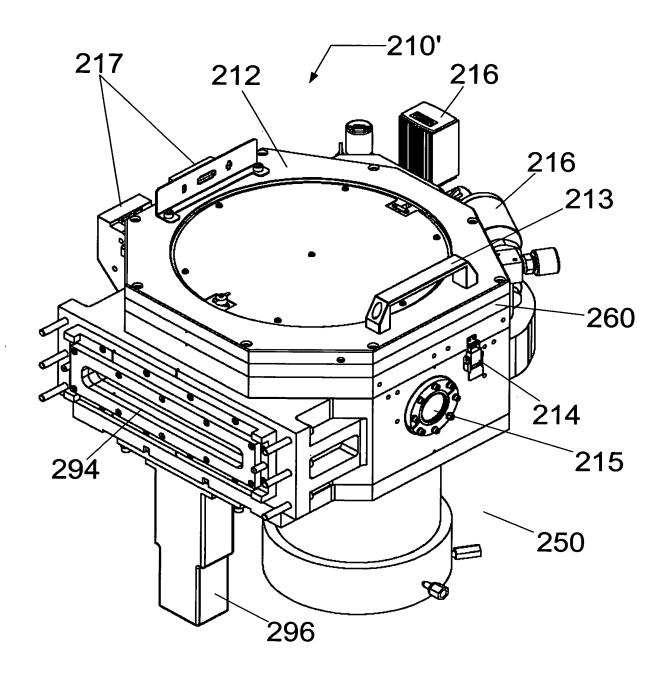


FIG. 4.

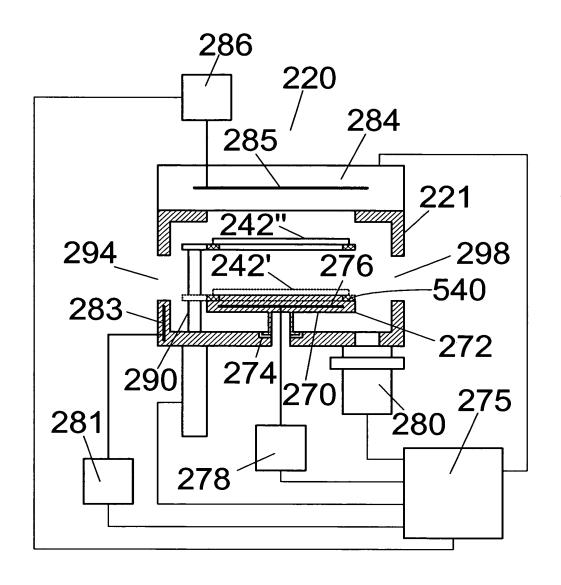


FIG. 5.

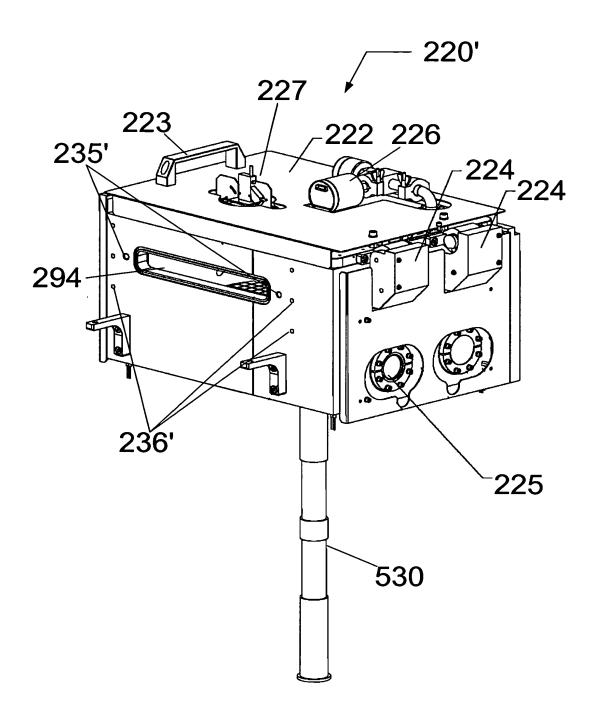


FIG. 6.

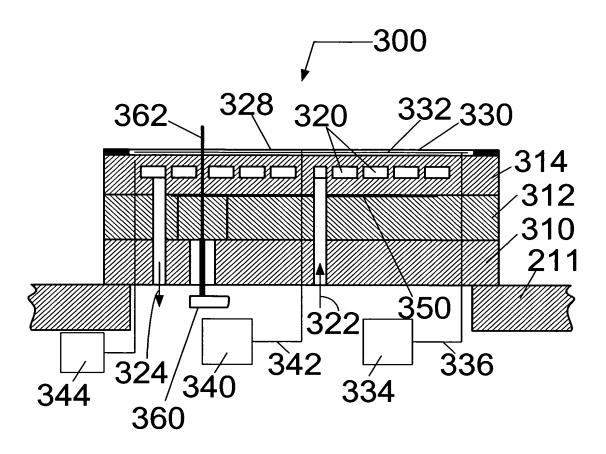


FIG. 7.

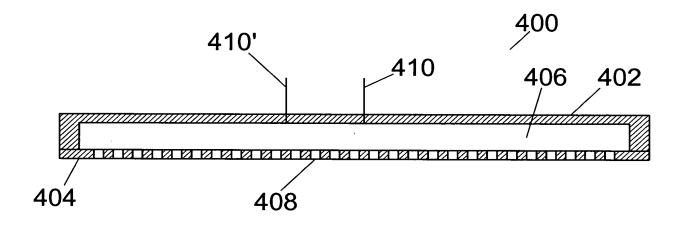


FIG. 8.

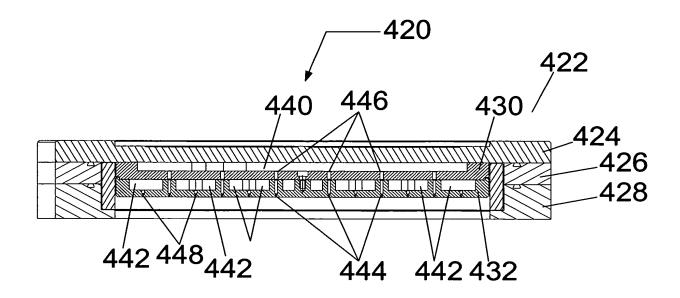


FIG. 9A.

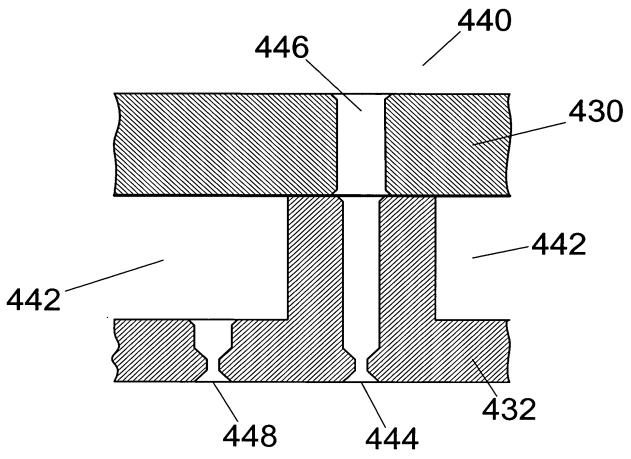


FIG. 9B.

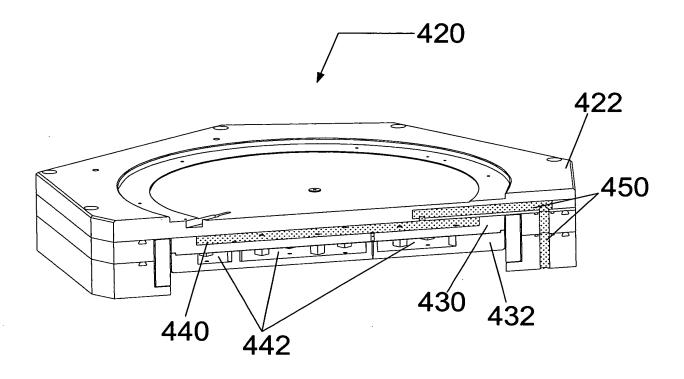


FIG. 10A.

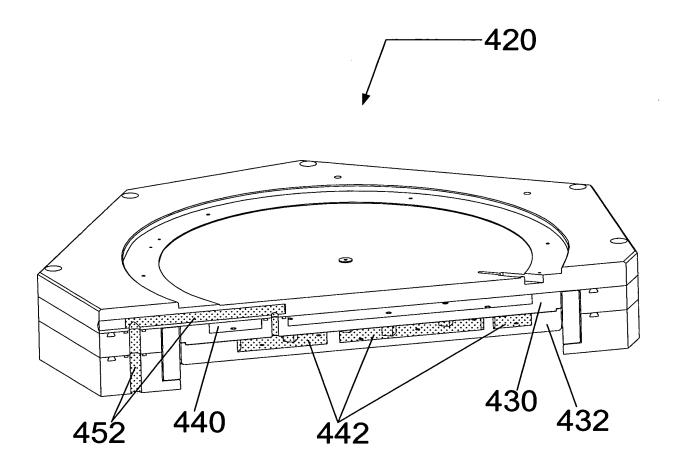


FIG. 10B.

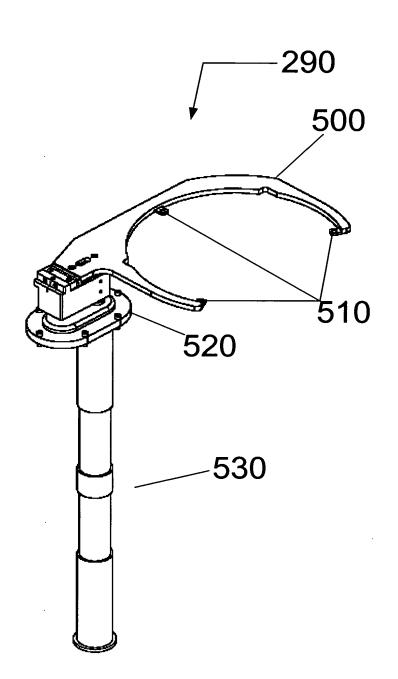


FIG. 11.

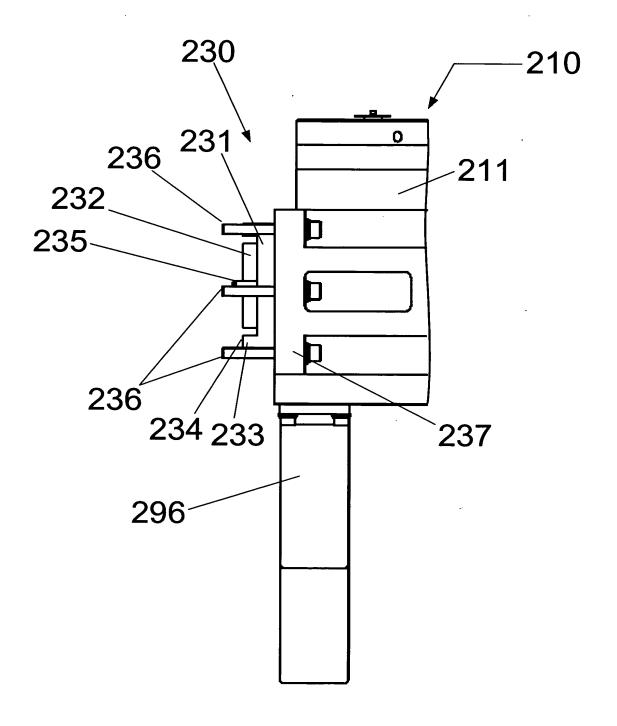


FIG. 12.

0.0

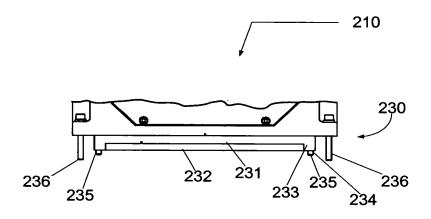


FIG. 13.

0 40 . . .

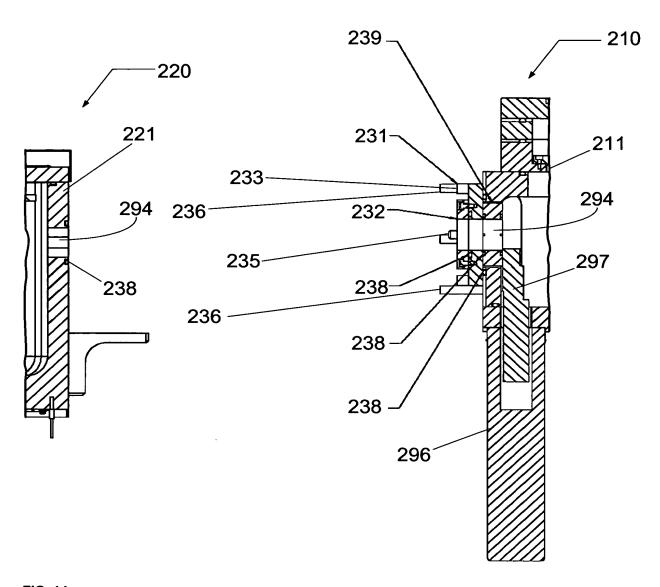
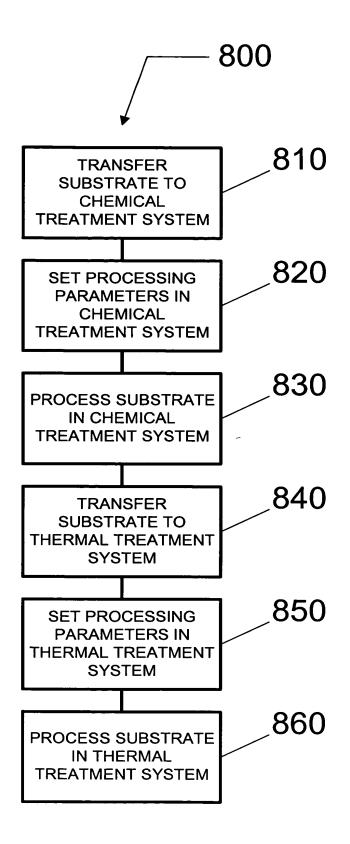


FIG. 14.



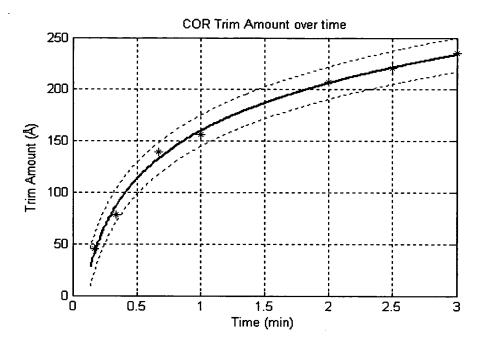
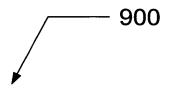


FIG. 16.

Reaction Rate Prediction 300 250 Trim Amount (Å) 150 FIG. 17A Prediction 95% prediction bounds Measurement 50 700 600 Reaction Rate (A/min) 500 400 FIG. 17B 300 200 100 of T 0.5 2 Time (min) 3.5 1.5 2.5



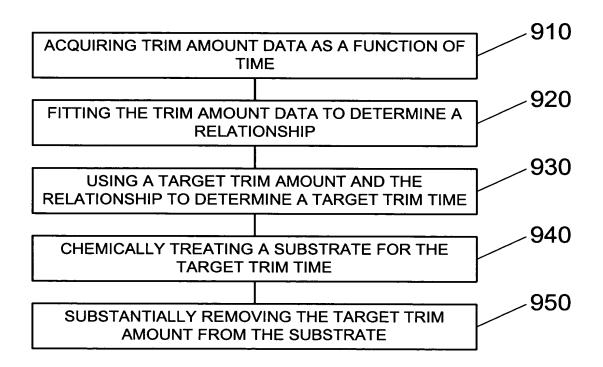


FIG. 18.